



FLORIDA SKIP

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APRIL 1965

Price 20¢

OSCAR III IN ORBIT

Oscar Three was successfully launched into orbit at 1830 GMT March 9. It is in an essentially circular orbit at an altitude of 502 miles with an inclination of 70 degrees and an orbital period of 103.5 minutes. The translator passband is approximately 10 kc. lower than originally planned.

A confirmed contact between K9AAJ and K2IEJ was reported on the thirteenth orbit, as well as numerous contacts between other call areas. European contact between HB9RG and DL6EZA has also been established.

W6EE, the Oscar station, transmits corrected orbital data at 0000 and 0100 GMT on sideband, followed by RTTY then c.w. on 3810 7205 14,300 7040 14,080 7015 and 14,030 kc. From 0400 to 0700 GMT W6EE will be on 3810 to collect information. Mail reports should go to Project Oscar, Foothills College, Los Altos, California. W1AW will continue to carry latest Oscar information as received.

DX FLASH

San Felix San Ambrosio DX Dxpedition

CE Ø XA--April 19 - 27
by C. J. Bolvin, W4LVV

On April 19th, a veteran crew of dxpeditioners will activate CEØXA, San Felix

and San Ambrosio Islands, a new DXCC country, for a planned eight day operation.



No this is not an NBC or CBS monitoring control room. It is the amateur radio ham shack of Louis Bellavia K4PDR of Lutz, Florida, near Tampa. Lou put on an honest to goodness live TV broadcast between his home station and the Hillsborough Amateur Radio Society, a distance of 4 miles. Ray Murphy W4BNE, President of HARS (who works for WFLA-TV) reported it was a perfect program. Lou has permission to increase power to one KW and looking for more Florida TV amateur stations. His address is Rt. 2, Box 330, Lutz, Fla. K4PDR-TV antenna is a "j" slot 24 elements, 12 over 12, up 101 feet. Assisting with the TV program were W4JSC, W4IQT, WA4AXB, W4VDE, WA4HDJ and others. The transmitter used was 500 watts with a ART/28. (Photo & info via W4BNE.)

The island group, consisting of the two major islands plus an assortment of volcanic rock reefs, is located approximately 520 miles north of Juan Fernandez at Lat. 26.16 S., Long. 80.06 W. They can be located by drawing a line thru Pittsburgh and Miami to a point slightly south of west from Antofagasta, Chile.

The crew will include Ed Cushing, W4QVJ, Dale Strieter, W4DQS; Jake Schott, W8FGX; Mac Reynolds, W9EVI; and George Allendorf of Cincinnati. Allendorf, altho not licensed, will act as technical advisor, administrative director and log operator. All of these fellows have had dxpedition experience at Cayman, Malpelo, Baja Nuevo, Serrana Bank, Juan Fernandez and Navassa. This experience is reflected in the planning as to equipment: There will be two complete Hallicrafters stations, two Hy-Gain TH3-Jr. beams, a half mile of wire for a VEE beam, plus dipoles for 40 and 80. Power will be supplied by two 1250 watt generators backed up by two 55 gallon drums of "good" gas (at 50¢ a gallon!). There will be spares of

(Continued on Page 8)

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Andy Clark, W4IYT

P.O. Box 501

Miami Springs, Fla. 33166

ADVERTISING MANAGER

Frank Orcutt, W4JO

Miami, Fla. Ph. 444-0481

BUSINESS MANAGER

Betty Clark, W4GGQ

P.O. Box 501

Miami Springs, Fla. 33166

SPECIAL ASSISTANT

Dick Blasco, WA4DHU

6270 N.W. 38th Street

Virginia Gardens, Fla. 33166

ASS'T. ADVERTISING MANAGER

Bob Kaplan, WN4

18712 N.W. 19th Ct.

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FLORIDA SKIP AWARD NOMI-
NATING COMMITTEE: Herb Ham-
ilton, K4KDN. 1524 S. Lake How-
ard Dr., Winter Haven - Evelyn
D. Gauzens, W4WYR. 2780 N.W.
3rd St., Miami 33135.

Dear Mabel XYL Award, c/o Skip,
Box 501, Miami Springs, Fla.

FLORIDA SKIP CORRESPONDENTS

IT'S A FACT. Geo. Hunt, W4NUT
1218 S.W. 21st Ct., Ft. Lauderdale

FEATURE WRITER, Geo. Thurst-
on, W4MLE. 2116 Gibbs Dr., Tal-
lahassee, Fla. 32303.

DX, W4LVV, Chuck Bolvin, 2210
S.W. 27th Lane, Miami, Fla. 33133

HINTS & KINKS, R. V. Frederick,
K4UGC, 460 N. W. 108th Terrace,
Miami 33150.

ONYX, MABEL, THE OLD TIMER
c/o Florida Skip, P.O. Box 501,
Miami Springs, 33166.

SKIP PHOTOGRAPHER Ross Par-
2 FLORIDA SKIP, April, 1965

sons, K4NVD, 4316 S. Clark St.,
Tampa, Fla. 33611.

W. FLORIDA NEWS, Frank Butler,
Jr., W4RKH. 404 E. Elliot Rd.,
Ft. Walton Beach.

160 M. Dave Hayden, W4WHK. 630
River Road, Orange Park, Fla.

VHF-Bertha Eggert, WA4BMC,
1510-17th Ave., No., Lake Wales.

NETS

QFN, Bill Dunham, W4TRS, 2204
Floyd St., Sarasota.

Flamingo, Walt Dixon, W4DWN.
820 N.E. 123rd St., Miami

FSBA, Dale Temple, WA4NUR.
1612 Clark St., Clearwater.

FLORIDA ARRL OFFICIALS

SCM-EASTERN FLA. Albert
Hamel, K4SJH, 220 N.E. 25th St.,
Pompano Beach, Fla.

SCM-WEST FLORIDA. Frank M.
Butler, Jr., W4RKH, 494 Elliot Rd.
Ft. Walton Beach, Fla.

SEC-EASTERN SEC. Andy Clark,
W4IYT. 41 Lenape Dr., Miami
Springs 33166.

SEC-WESTERN SEC. George
Thurston, W4MLE, 2116 Gibbs Dr.,
Tallahassee.

CLUBS

Broward, ARC, Jim Wilson, WA4RXG,
1204 Avocado Isle, Ft. Lauderdale,
Dade, RC, Dick Burns, WA4SPS,
3695 S.W. 5th St., Miami 33135.

FLORIDORAS, Jeri Bolles, K4RCX
109 S.W. 13th Ave., Ft. Lauder-
dale.

Hialeah ARC, Red Clotfelter,
K4GPJ, 650 E. 60th St., Hialeah.

Jacksonville, NFARS. Louise
Chandler, WA4KLN. 7642 Laura
St., Jacksonville 32208.

Orlando, ARC, Hal Shea, W4BCK.
736 Alfred Dr., Orlando.

Orlando, CFGC, Robert Montgom-
ery, K4VFFV, 903 Fernndell Rd.,
Orlando.

Tampa, HARS, Ron Griffith, WA4-
MKX. RFD 1, Box 304, Odessa.

Tampa, TARC, Don Fischer,
WA4CJG, 4622 Beach Park Dr.,
Tampa, Fla. 33609.

Letters to the Editor

Editor, SKIP:

I hated to cease publishing
The Monitor Andy, but it had
gotten to the point where I was
fighting for advertising each
issue I prepared. . . I continued
for several months under this
set-up hoping that things would
take a turn for the better, each
month digging a little more into
our reserve until I saw that
things were definitely not going
to change. . . so instead of fight-
ing the advertisers any further I
decided that the wisest thing to
do would be to close shop. . .

I only hope that this same
situation is not plaguing you for
I don't wish this kind of thing
on anyone. It's a disheartening
feeling believe me. For no mat-
ter how good a magazine you
have and no matter how well
your readers receive it, it still
boils down to the cold fact that
it takes money to publish such
a magazine. . . subscriptions
alone will not pick up the tab.

I would certainly like to re-
main on your mailing list Andy.
I want to keep tabs on every
area that I can and your maga-
zine is doing a great job in the
Florida area. Although I have
struck out with the Monitor there
are still future plans. Will ad-
vise you of these plans when the
time comes and possibly will
ask for a little free publicity
regarding same.

73,

Joe Martin, W4RYP

Ex-Editor, THE MONITOR

Dear OM Andy, "D  ar Mabel!":

I have seen in the shack of
my friend and OM OE5LX the
nice XYL Award as remunera-
tion for his wife.

I should be very glad to get
this original award as present
for my understanding XYL and
I ask you for it.

The name of my XYL is
RUDOLFINE BREUER. How I
do hope, you will be so pleasing.
Many thanks before,

Vy 73,

Hans Breuer, OE5BJ

St. Marienkirchen P.A.P. 89
Ob. Ost, Austria

Editor SKIP:

I wish I had the eloquence to
express how proud and grateful
I am for being chosen as the
recipient of this award.

My thanks go to Peggy McVicar
for offering it, to Andy Clark for
handling the contest, to all the
members of the Suncoast VHF
Club and the St. Petersburg
Amateur Radio Club who so

St. Pete, SPARC, Cathy Seeds,
W4BAV, 829 - 21st Ave., No.
St. Petersburg.

VHF Suncoast, Leslie Johnson,
WA4EEZ, P. O. Box 12185, St.
Petersburg, Fla.

kindly nominated me and in fact
to all of you who, one way or
another, have made it all possi-
ble. And let's not forget
Sweetie, who does most of the
real work.

My further thanks go to all of
you for your encouragement and
for your wholehearted acceptance
of what I have been able to offer.

It has been my pleasure, so I
feel indebted to you.

Thanks again and continued
success to both clubs.

Ed Blatt, W4RUR

Third Party Agreements

Notices this past year have
had to include quite a few to
amateurs heard engaging in
third party communications
with amateur stations of
countries not having the
necessary agreements with
the U.S. or Canada which
permit exception to the gen-
eral telecommunications
prohibition of such work.
FCC cites amateurs for NOT
observing the general provi-
sions that prohibit commun-
ications for 3rd parties with
amateurs of other nations.
We repeat here for refer-
ence the current lists of
countries with which ama-
teurs MAY make such ex-
changes:

U.S.A.: Bolivia, Canada,
Chile, Columbia, Costa
Rica, Cuba, Dominican Re-
public, Ecuador, El Salvador,
Haiti, Honduras, Liberia,
Mexico, Nicaragua, Panama,
Paraguay, Peru, Venezuela.

A dumb girl is a dope;
a dope is a drug; doctors
give drugs to relieve pain.
Therefore, a dumb girl is
just what the doctor
ordered.

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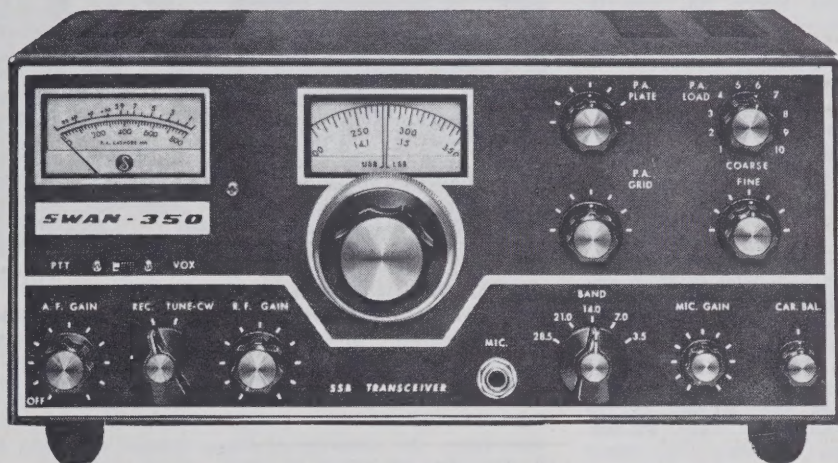
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CENTRAL FLORIDA GROUNDWAVE CLUB

R. R. MONTGOMERY, K4VVF

We are happy to announce that our outstanding amateur of the Central Florida area, Georgia Denman, K4ZXS, is now recovering nicely at home, from her recent bout with a slipped disc. On about March 5th, Georgia was removed from a heavy cast, which she sported around for nearly a month.

Georgia wishes to thank her many friends for the nice cards and flowers received during this time of trial, they were deeply appreciated.

For the information of those amateurs who are familiar with the FLARE certificate program of the Central Florida Groundwave Club, and for those of you who might be, we offer the following info, the FLARE, is a beautiful hand painted certificate, awarded for working a given number of FLARE members, and new, FLARE certificate holders. The FLARE certificate comes in three classes, each class for working a given number of stations. Stations working for the FLARE certificate can obtain it, by either of two methods, the original method of working 20 member stations for class "A", 10 for class "B", 5 for class "C", and 10-5 & 3 contacts respectively by DX stations, OR the new method, allowing any non-club member FLARE certificate holder any place in the world, to count in the total number of necessary contacts needed.

FLARE members can be found on all frequencies and operating all modes, all applications should be sent to P. O. Box 811, Orlando, Florida, all applications should include necessary log data and one dollar to cover necessary handling.

See you all at the Orlando Hamfest, Cherry Plaza Hotel, in April.

73,
Monty, K4VVF

FLORIDA SIDE BANDERS ASSN.

WA4NUR, SECRETARY

This writer is new to this column and started off with a resounding absence. What with getting the article corrected and the membership list up to date and then being out of town most of this time I must apologize for not having time to furnish Skip with an epistle.

For those who don't know, the New Officers for the first half of 1965 are as follows: President-WA4NBE; First Vice President-W4IRA; Second Vice President-W44COR; Secretary-

4 FLORIDA SKIP, April, 1965

CLUB NEWS

WA4NUR; Treasurer-W4JQ; Emergency Net Manager-W4OVE.

During the months of January and February the Association has been fortunate to have had some very fine programs. On 1/31/65, Mr. James Peterson of Florida Atlantic University at Boca Raton, spoke on the use of closed circuit radio and T.V. in the field of Education and the applications specifically at Florida Atlantic University. Following this, Mr. Herb Evans, Chief Engineer for Florida Atlantic University, took us even deeper into the Technical aspects of this use of Electronics, on 2/14/65. On 2/21/65, Col. Bill Coleman, Director of Information for the Eastern Test Range, spoke of their responsibilities which was very informative.

WA1AFP has been appointed Chairman of a Committee to formulate an outline of SSB procedures. All members of the Association are urged to send suggestions to him. I would like to add my pet peeve on this subject. I am continually fractured by these stations that have obviously broken something (?) including good etiquette. Would you approach a group of your friends and your opening remark be: break, break, break, break?

Overheard at the Eskimo Hamfest, "How many stations did you work on the night from October 12 to April 6?"

Dale WA4NUR

CONCH NET NEWS

JIM, WN4TWD

A very hectic week indeed for the Key West Club is drawing to a close with the end of the Monroe County Fair. Our exhibit was very well received by the public. A total of about 800 messages were sent out and our thanks go to the following stations who cooperated so fully in relaying such a volume of traffic for us - W4KIS, W4DFU, WA4FKH, WA2UZK and to the many others further up the line. TNX fellas.

We had many Amateurs from out of state drop by the booth. So much interest was generated in local people as to necessitate the start of another Novice Class upon completion of the one now in progress.

The lack of knowledge by the public as to the extent of the many services provided by Amateurs is very disturbing. It seems that in spite of the many forms of publicity of Amateur Radio the great majority of people only know that we exist period. The Key West Club will, in the coming year, attempt to rectify this situation locally by setting up a station periodically at shopping

centers and passing messages etc.

Roy, K4YRE contributed an interesting exhibit at the fair with a display of tubes dating from 1920 along with a 2 METER home brew rig in construction stage. As a matter of fact credit goes to the entire Club including XYL's who helped in the booth extensively. All in all it was a very successful venture but I think all stations are glad there is twelve months before the next one.

73,

FLORIDORA NEWS

K4RCX

There was no business meeting held in March as the President, K4RHL was in bed with flu, but fully recovered now. Ellie and OM, K4YBL, Jake, spent a very pleasant afternoon with K4JGU-Mildred and Phil, K4CRU, along with Nancy and Dick, WA8CGZ/CHA. Ellie and Jake took them for a short ride on their boat. Nancy and Dick are visiting the Craigs and drove their new trailer down from Detroit for them. Phil and Mildred plan to do a lot of mobiling this summer.

Annette-W4CWV and Tommy very busy galavanting around with friends from the north - going to Jai-Alai, deep sea fishing and breakfast on the beach! W4GBY, also busy entertaining friends from the north.

K4ZXS, Georgia, has been in the hospital with back trouble. She is home now but her back still bothers her a good deal. Good news from K4HSC, Meg, who is able to go shopping and work in her yard now. She has heard the gals on the Blue Ridge Net on 80 mtrs, but has not joined them - as yet! W4VSG-Sue's mother has been in the hospital but is home now and all goes well.

WA4TBF-Ann, working for WAS on CW. 40 states confirmed and 41 worked. Also worked Hungary and England recently with her novice call. All this and studying hard for her General. WA4BMC mike has her USA-CA certificate. WA4NRO-Gale and OM, Jess have opened their own shop and doing well with it. Good luck on your new venture.

Dot, W4UF, using the call of KP4CO, had her first QSO from Puerto Rico with K4RHL. Her 20 mtr. antenna is not functioning so she is using her own call, KP4 on 40 CW at night and 15 SSB during the day. She has been working 10-12 hours a day and is ahead of schedule and hopes to be back sooner than planned. She made 150 contacts in 3 1/2 hrs. of operating time, 26

states and many DX contacts.

Hope you have all voted - if not please send in your ballots immediately.

Birthday Greetings to: W41UR; K4JZX; K4RCQ; K4TBG; W4UF; K4UIX; WA4GKI; WA4JVH; and WA4OTQ.

See you in Orlando!

ST. PETERSBURG

CATHY, W4BAV

SPARC Installation Banquet, held at the Sand Dollar, was a gala affair with W4JOU-Bob Spiers doing a fine job as Master of Ceremonies and a most interesting talk on "Our Pace In Space" by Charles Durham, Principal Staff Engineer from Honeywell. The new officers for 1965 were duly installed and we look forward to an interesting and active year for SPARC. Best of luck to all.

The regular monthly meeting held on February 5th was well attended and W4PT-Doc, assisted by his nephew, David, gave a showing of color slides taken on their recent trip to Alaska. As they narrated the slides, many had a sudden desire to make the trip and numerous questions were answered.

SPARC and the Suncoast area were represented at the Ham-boree, at Miami, February 13th and 14th. W4TY-Bob and XYL-Edwina, were among those attending. Several SPARC members planned to attend but circumstances beyond their control prevented them from doing so.

Congratulations to W4RUR-Ed who won the "Florida Amateur of the year Award". SPARC is proud of Ed and grateful to Florida Skip for this award.

Calling all amateurs!!! SPARC Net meets every Wednesday night, at 8:00 P.M., on 51.0 MC, with W4NOK-Jack as NC. This net follows the regular code practice run by W4RUR on this frequency.

Don't forget SPARC offers a certificate for working 5 of their members. How about sending a facsimile of your log to W4BAV-Cathy for your piece of "wall paper".

73,
Cathy, W4BAV

DADE RADIO CLUB, INC.

DICK BURNS, WA4SPS

Saludos amigos, from HK4APG, Alfonso Diaz del Castillo, Cali, Colombia who took time out from his home to visit Miami during the ARRL annual Florida convention in January. During a very FB eyeball QSO, Alfonso informed me that he is always on the lookout for calls from the U. S. and is more than happy each time he is able to contact someone new. Anyone who is interested in making contact

(Continued on Page 6)

You Can Help

Word has been received from ARRL headquarters of the formation of an Intruder Warch Corps starting immediately. The duties involved would comprise frequent spot checks of our amateur bands looking for stations that have no right to be there. These include CW, phone, teletype or just plain broadcasting stations. The only qualifications necessary are the ability to locate a frequency within one or two kcs and to recognize an image. Diligence in monitoring regularly a portion of the amateur assignments and real enthusiasm are most important attributes. Would like operators who would be available either day or evening. Retired amateurs or perhaps shut-ins would seem to be a good choice although others who could find the time to participate would be most welcome. I gather that the FCC monitoring station would be involved in assisting in identifying unknown stations.

If those who are interested would write a short resume of any useful information concerning their capabilities and desire to serve to this office, I will compile and forward the information to Headquarters. ARRL will supply reporting forms, etc., to those accepted and I expect that they will communicate directly in each case.

ARRL has taken the first step -- the rest is up to you. This headache on our bands



Back in the early 30s, two new amateurs, W9MME and W9MRQ, and one reactivated old timer, W9OSQ, became acquainted via the QSO route on 80 meters. Two lived in Chicago and it wasn't long before they met face to face, but W9MME lived in Mount Pleasant, Iowa, where he operated a variety store. Business required occasional buying trips to Chicago and during these visits he, also, was able to meet the other two, but never at the same time. So it went through the years, with regular three-way skeds on 80 CW, broken off only by WW II. After the war, our Iowa friend became interested in flying and contact was lost, but once a ham, always a ham, and he finally got back into the game. In the meantime, W9MRQ had retired and moved to Florida in 1956 and W9OSQ was working in Monroe, Wisc., looking forward to 1964 as the time he, too, would be moving to Florida. W9MME, later changed to W0MME, by this time had purchased a trailer on Long Boat Key and was spending part of each winter there. The inevitable happened; contact was again established between the three and, for the first time in all those years, they finally got together on February 23rd. You will recognize their present calls as W0MME/4, K4KDN (ex-W9MRQ) and WA4VFB (ex-W9OSQ). Here they are, pictured in the shack of K4KDN.

(Photo by WA4VFB)

can be at least greatly reduced and kept in check -- but YOUR help is needed to effectively put this into operation.

Ham K4SJH, SCM EFLA.

Attention, Dade Amateurs. The next meeting of the Dade County APRSC will be at 2000 EST, April 1, at North Miami City Hall (Basement), 125 St. at N.E. 7 Ave. All Dade clubs should send representatives.

FMTN

Annual election was held during the latter part of January and Don, W4MIN, outgoing manager, declared Clyde W4SDR and Fred W4TUB elected manager and assistant manager, respectively, of the Fla. Midday Traffic Net.

The net meets daily except Sunday on 3945 KC and all AM, SSB, and CW stations are welcome. Usually, FMTN provides outlets for most Fla. stateside and overseas traffic.

Competent net control is provided by W4AKB, K4DAX, W4DFU, and the net managers. Starting time is Noon EST (1700 GMT), and every effort is made to clear all traffic in an hour or less. Reporting stations are asked to zero the NCS as exactly as possible, use proper procedure and keep transmissions brief.

Newcomers are picked up at the end of roll call. In February, FMTN handled 668 pieces of traffic in 24 sessions with an average of 22 stations per session reporting.

FLORIDA SKIP

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S
W
A
P

T
A
B
L
E

CLUB NEWS

DADE RADIO CLUB

(Continued from Page 4)

with Alfonso, look for him mainly on 15 & 20 meters during the early evening; sideband and AM strictly. By the way, his QSL cards are really something to be proud of no matter where you happen to put it.

How would you like to join one of the most active amateur radio clubs in the state? Just come to the regular meetings of the Dade Radio Club, Inc. at the Museum of Science and Natural History located next to Viscaya on U. S. #1 (see our ad in Florida Skip each month). A membership drive is currently in full swing and everyone is cordially invited to join our group and share in our activities during the year. Come and see just how much fun group activity in amateur radio can be; we'll be looking forward to meeting and greeting you.

Congratulations to the following contest winners during this year's Tropical Hamboree: WA4JYB, Code Speed; WA4BYR & W4UHW, Homebrew; W4NTE, K4SHB & W4GHD, DX Contest. Sincerest appreciation to you all for taking time to enter these contests, not to mention the time spent in preparation.

Since "no news is good news", I have nothing but "good news" for everyone. Take good care of your colds and flu and we'll be seeing y'all again next month.

B. A. R. C. NEWS

JIM WILSON, WA4RXG

"Weather" is rather an unusual subject for a talk to hams but it proved of extreme interest at our March meeting in a discussion by our President, Don Stanton, WA4JLL.

Having had years of experience as a transoceanic flier it is only natural that Don knows weather and its prediction very intimately. His life often depended on that knowledge. Also, weather has a direct bearing on radio performance as many of us have found to our disgust.

Don made his various experiences with weather very real to us and made us see that the forces of nature cannot be taken lightly.

It's interesting to learn that his Collins transceiver which went with him across the seas has flown more than a quarter million miles.

Our Club Auctionfest was a big success. We had greater attendance than ever before and everyone seemed happy with the bargains they got there. We thank you all for your fine cooperation.

TAMPA AMATEUR RADIO CLUB

The new officers for the year of 1965, 1966 were elected at the March 1, 1965 meeting. They are as follows:

President, Marvin Bostian, WA4HDK
V. President, Glenn Averille, WA4LLU
Secretary, George McElvy
Treasurer, Bernie Glassen, WA4KLW.

Members of the Board of Directors:

James Bingham, W4KRC.
Louis Wilkerson, K4YHG.
John Fogarty, W4CI.
Jack Lupien, W4URX.
Henry Bias, WA4LLV
Trustee, Earl Miller, K4HFF.
Editor, Don Fischer, WA4CJG.

The installation of Officers was held at the Club Dinner Meeting on March 15, 1965.

The Regular meeting of the Club are the FIRST and THIRD Mondays of each Month. All are invited to visit with us.

73,

Herb Smith, K4LML

SUNCOAST VHF CLUB NEWS

LESLIE JOHNSON, WA4EEZ

The club held its election of officers at the February 10 meeting at Civil Defense Headquarters.

New officers for 1965 are: President; K4NAN, Brian Felps; Vice-President; WA4GWW, Jim Meeks; Secretary/Treasurer; WA4EEZ, Leslie Johnson; and Net Manager is WA4ILY, Claude Pic. A vote of thanks to our departing officers for a job well done!

The Suncoast VHF Club is very proud to have on its membership list the call of W4RUR, Ed Blatt, and his wife Sweetie, who is an associate member. Ed was recently voted "Outstanding Ham for 1964". Truly, Ed Blatt is an outstanding ham every year. His code practice every Monday night is familiar to everyone - many hams have learned the code from listening to Ed. Congratulations and thank you, Ed.

At the March meeting of the Suncoast VHF Club, there will be color slides of scenes in the Western U. S. The club plans to have a program either films or lectures at each meeting in the coming year.

K4IYN, Jim, is now home from the hospital and doing well. Still no visitors, but we hope to see Jim soon.

Our club station trustee, K4LYS, Jim Young, is sick with flu. Get well soon Jim.

There was a hidden transmitter hunt March 14, with WA4FBV, Don, being the sought-after one. The hunt started at

the tyrone Shopping Center, with a picnic lunch after the hunt.

73,
Leslie, WA4EEZ

ORLANDO RAMBLINGS

HAL, W4BKC

Don't miss the ORLANDO HAMFEST!

Putting on an affair of that size takes a lot of effort on the part of the local gang, Bill, W4BVX and his Committees are working hard to give you the best this year.

The recent gusty winds (50 mph) sure raised hob with the antenna situation at this and other locations, the 2 meter vertical came down and beat the daylight out of the 6 and 2 beam below it, which hampered operations here for several days. It also severed the feedline to the trap antenna. We missed our skeds with the Inter County Net for the first time in several years. My apologies fellows. Will try to see that it doesn't happen again. Have the spiral array up while repairs are being made to the 6 and two.

Jack, W4WV puts a nice sig into Orlando from Deland. This would make a fine relay point from Volusia County in case conditions got rough. Jim, K4RNR, please note.

OSCAR 3 will probably be beeping Hi around the world, by this time, sure hope I'll be able to hear him, heard his two brothers previously. Many of the local two meter gang will be in there trying for a QSO, that's for sure. Reports should be sent to Project OSCAR, Inc. Foothill College, Los Altos Hills, California.

WESTERN FLORIDA NEWS

FRANK BUTLER, JR., W4RKH

Pensacola: W4AXP is out of hospital, but having rig trouble. W4WKL just received Eagle Scout award. He uses an HT-37 and SX-111. PARC sponsors regular bunny hunts on 29,560 kc. K4YYG is a local TV sports announcer. WN4VZM is on 2-meters with 50 watts and a 11-element beam. He is awaiting General.

Milton: K4NMZ keeps WFPN traffic up with regular weather reports. K4HOX is going mobile.

Fort Walton/Eglin AFB: W4TFL has moved here from Crestview and has 50' tower and beam up. He joins W4BVE, W4MMW and K4HXS in the same neighborhood! W4SRX has a new 2-meter vertical up 70'. W4RKH overhauled the EARS club's 32V-2/75A-2 and has them in good shape. W4RTD gave a FB talk on Supermodulation at the annual EARS dinner.

Defuniak Springs: W4ECM has his HW-12, donated by WFPN members, on the air regularly.

Panama City: The 2-meter net

now meets on Thursdays at 7:30 PM on 146.97 mc. New hams on 2-meters include WA4WVM and WA4WVO.

Tallahassee: W4MLE is Section's most active 00. Madison: W4RDQ is in hospital recuperating from major surgery.

SOUTH MIAMI RADIO CLUB

JERRY CAMERON, WA4WUD

The South Miami Radio Club Station, K4JVA is back on the air. After cleaning of some of the dust so we could read the dials we decided to set the station up at my Qth using K4JVA/4. The station consists of a B-W5100 and a 75A-3.

Awards are still being given out for working three SMRC members.

We are going to have a film on generators at our next meeting, March 19. Any and all visitors are welcome. The Radio Club meets on the 1st and 3rd Fridays of each month at the Coral Gables Police Station. Meetings start at 8:00. Hope to see you there.

73,

Jerry Cameron

Armed Forces Day

The Department of Defense is ever mindful of the unique communications potential inherent in the amateur radio fraternity. This year's tests will be conducted on 14 May 1965.

These tests provide amateurs throughout the world with the opportunity of working crossband with designated military stations and to participate in "CW" and "RTTY" receiving contests. The plans for the event are a joint effort of the three MARS (Military Affiliate Radio System) Chiefs for their respective services. The operating portion of the program is accomplished by active duty personnel and guest operators at the participating military stations.

Amateurs everywhere are invited to use this event as a means of demonstrating their skills and operating proficiencies. Once again all normal modes of emission will be able to work at least one of the military stations.

See CQ or QST for complete listing of times and frequencies.

Those Condition One Alerts

During the past month or so, we have had a number of Condition One alerts because of tornado warnings from the U.S. Weather Bureau and other situations. Response has been very good. In fact, it has been almost too good, and that's the occasion for these comments. We may be going a little over-board in response to the alert.

Condition One is defined in the Florida AREC Manual as "Stand by. AREC officials and amateur operators monitor regular traffic net frequencies and keep in close touch with situation through radio-TV broadcasts and official sources." This is simply a way of saying, "fellows, we might need you, so keep an ear peeled on a traffic net frequency in case something comes up. Or just keep an ear on the radio and TV news broadcasts if you can't stay around the ham shack." It means there might be a need for emergency communications, but there is no need now.

This makes it a very useful Condition, but if it is taken too seriously its usefulness can become impaired simply because we get tired of being constantly alerted without any need for a full alert. A net can get a fast start if its members are already tuned in and listening when a full alert comes. But if the tornado warning or other situation expires without a communications emergency, the alert can be cancelled with no harm done and no great amount of wheel-spinning either.

A Condition One does not mean that a net must be alerted or that it should be made a directed net. During a Condition One alert (or at any other time, for that matter), a net manager may order a directed net if he feels the traffic load is

heavy enough to require this, or to maintain order on the frequency. The mere existence of a Condition One alert, however, does not require a directed net. Normally, rag chewing by net members on net frequency is quite in order, unless the net manager directs otherwise.

If some emergency situation does occur, the chances are pretty good that the SEC will advance the alert to Condition Two and specify the net or nets and the Key City or Cities which are needed. When this happens, if you're monitoring, as called for by Condition One, you'll hear the bulletin setting up Condition Two and then you'll know what you should do next.

By the way, only an SEC can establish an Alert Con-

dition as called for in the Florida AREC Plan. The Alert Condition applies to the Florida ARPSC system as a whole and not merely to a single net. A net manager, of course, can alert his net at his own discretion, with or without word from the SEC, but this does not establish a Condition One or any other Alert Condition.

So, strange as it seems, let's not take Condition Ones quite so seriously. They don't mean we have an emergency. They only mean we might have one. When we actually have the emergency, we'll usually go immediately to Condition Two, and that might happen once for every ten times we have a Condition One.

W4MLE & W4IYT
Florida SECs.

ATTN: ALL CLUB
PAPER EDITORS

The Amateur Radio News Service is a brand new organization of amateur club paper editors, public relations experts, etc. which is in the process of being formed. A brochure was mailed in mid-February to many of the editors and PR people, but there is a possibility that along the line someone might have been missed. If you have not received the brochure, please request a copy as soon as possible from the acting Secretary: Mrs. Helen Brick, 821 W. Lindley Ave., Philadelphia, Pa. 19141.

Your Skip Editor is proud to be a charter member of ARNS and hope all good active editors will strongly consider joining. In any event, send in for your brochure and read it carefully. We feel sure you will see it is one organization worth joining and giving your full support.

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ARMY MARS IN FLA.

by. . . AD4IHH,
Asst. Dir. Fla. 2

This is the first in a series of columns devoted to ARMY MARS activities in Florida. Although most of the information will be of interest to MARS members only, it is hoped that some interest may be kindled in hams to at least find out more about the Army Mars programs, and how they might benefit by contributing to it. The program is open to all hams, regardless of class of license. For more information about Army Mars, contact W4HLO, if you live in the northern part of the state, or K4JJZ, in the southern part.

All members interested in learning more about transistors, may be interested in purchasing the following printed material from the Book Department, United States Army Signal Center and School, Bldg. 633, Fort Monmouth, New Jersey. Titles and costs are as follows: #50002, "Introduction to Transistors", 32¢. #50100, "Semiconductor Principles", 19¢. #50101, "Troubleshooting and Repairing Transistor Circuits", 19¢. #50102, "Transistor Amplifier and Oscillator Circuits", 26¢. Send your order directly to the address above. Include number and complete title, and check or money order. Do not send stamps. You must also identify yourself as an active Army Mars member.

SILENT KEY

We regret to announce the passing of a fellow amateur, Harold (Hal) Sever, W4OT (formerly W9), of Vero Beach. The funeral was held on March 5, 1965. Our deepest sympathies to his wife and family.



G. D. McKechnie, W4IKB ex KA2LG and W8RTC of Chipley, Fla. sent us this photo. That's Mac at his special designed operating table. Mac works for the State Road Dept. He operated from Japan under his JA2LG call and can be found on most bands now. Welcome to Florida Mac.

160 METERS

DAVE HAYDEN, W4WHK

It looks like the best part of the 160 season is about over for this part of the country until next fall, as the QRN levels are inexorably creeping up. However, there may still be an opening or two which could produce a few worthwhile contacts, maybe even some DX. Although there was little, if any European DX worked from here this year, many new DX stations from other regions did get on the air, along with W's who were attracted to this band, some of whom were worked consistently. Everything considered, it was a pretty good season, although probably not as good as last year.

Stew, W1BB (not Stu as I called him last month) points out in one of his recent newsletters that with the smoothed sunspot number probably lower for the next cycle, conditions on 160 should remain better for a longer time because of reduced absorption of 160 sigs. So what does this mean for 160 buffs? For those inclined towards ARPSC programs (that should be all of us!), there will be more times when 80, 75 and 40 for local communications will not be as reliable for

contacts within the state. Therefore, it may be quite worthwhile to consider the use of 160 for day-in-day-out RELIABLE short range communications. For those inclined towards experimentation of new DX fields to conquer, here's a natural.

I intend to schedule someone for QSO's even through the worst months of the spring and summer to determine just how much use can actually be made of 160 in this region. In addition, observations made may well provide some useful information for IQSY research (more on this next month). Over the next few months when many revamp their stations, perhaps they should consider 160. Whatsa gang? I'm still QRV for schedules and suggestions.

73, Dave

EX-CALL

Have you sent in your Ex-Call? Tell your friends who you are or who you was.

K7VQI ex W4LSA
K4OYI ex W8SSQ KP4DM
WA4JNI ex W9ZUU
K6BN ex W4ANH
WA4MHR ex W1MRG
WA4JLL ex W8ZMH
W4LGP ex W9QQE,

KZ5RF, KP4GY

Reciprocal Operations

FCC has adopted reciprocal operating rules for foreign amateurs effective March 29. Application will be made sixty days in advance on new Form 610 A, available on March 29 from FCC offices and from some U.S. offices overseas. Copies of the home station and operator licenses must be furnished.

A U. S. address must be given, and if mobile operation is intended, a rough itinerary. Permits will be issued for a maximum of one year at a time, from the Washington FCC office.

Visitors will sign their home calls in English, followed by the appropriate U.S. prefix, giving actual location once during each contact.

DXPEDITION

(Continued from Page 1)

everything from vitamin pills to resistors.

Frequencies: 3500-0.5, 3790-3800, 7004-09, 14015, 14125 (listening 240-250), 21397/398, 28650. 21 mc will probably be best daytime band, 3.5/3.8 only early morning, and 28 mc only Sat/Sun 1800 or 1900 for two hours.

The operating crew requests that QSOs be reported to an exchange of reports (no names, QTH, or idle chit-chat) as gas is limited and the nearest gas station is 650 miles away! Two contacts per band/mode will be the limit for the first five or six days. This allows an "insurance" QSO if there was doubt about the first one. Dx hogs who exceed this limit may find their QSLs very slow to arrive -- if ever!

QSL manager for the dxpedition will be W4DQS, 928 Trinidad, Cocoa Beach, Fla., 32921.

A person gets paid for using his brains, not for having them.

QFN NET

by W4TRS

All you QFN members should be proud of Dave Shalloway WA4JYB, for the fine job he did with the latest bulletin. The information gathered and printed there-in does a lot to keep the Net in closer touch with what is going on.

It is good to be back in touch with all the gang again and taking some traffic now and then. I really did miss those nightly sessions on QFN. It is a pleasure to be associated with such a fine group of Hams.

For those who would like to join the QFN but are afraid to break in due to the speed, please try it some time. All NCS stations are more than willing to slow down for you. Just do one thing before you start; become familiar with the Q signals used on CW nets. This is very important, as the net runs on just such signals. If you don't know where to find the QN signals, just drop a card to ARRL or ask Andy Clark in care of Florida SKIP and he will furnish them.

No traffic man should hold the A-1 operator award unless he qualifies both on phone and CW. This is a most coveted award, so why not plan on some day becoming an A-1 Operator.

Up to this time I have not heard from W4BVE regarding the QFN traffic totals, so cannot give them to you. I would also like to remind you of the change in managership of the net come next May. Since Herb Hamilton K4KDN will not be back as manager, we must be thinking of someone to take his place. The change takes place every six months, switching from east to west Florida and back again.

If there are any persons interested in contributing to this column, please feel free to write me with what ever is on your mind. Suggestions are welcome as well as criticisms.

Let me hear from you all.

Get On That Bandwagon...

In the engineering field it is recognized that half of the skill and knowledge of the practicing engineer becomes obsolete in ten years. In the case of equipment it seldom lasts that long. I believe a lot of us fail to realize that the same things occur in amateur radio.

That old faithful rig! Is it turning out as good a signal as you really think? Your receiver must be behind the stage of the art or you would not be complaining about that QRM that is 10 kc off frequency.

You may howl as long and loud as you want but you will have to remember that old cliché about the bandwagon going down the street still applies. If you want to continue to hear the music you must go along with it!

Onyx.

Autotransformers

You know I expected at least several hundred requests for more information after publishing that short story on the "Transformer". Before I know what I was doing, I wrote another one on the "Toroid". I hope it got lost in the mail because I thought of a better subject, the "Autotransformer".

Did you ever want to step the line voltage up or down? Say, just a few volts. Or, perhaps you have a spare 5 volt filament winding you wished was 6.3v and don't have the courage to tackle the usual 114v/6.3v variety. We seem to always have several five volt windings left over since we started using silicon diodes instead of tube type rectifiers.

As an example we have a five volt winding good for three amperes. Rated at 15 watts this same winding would supply nearly 2.4 amperes if it could be raised to 6.3 volts. It is a very simple job to design and build an autotransformer that will do this trick. First select a small audio output transformer that is defunct. Remove all the windings from the core by simply cutting them away with a hacksaw or by disassembly of the core laminations. Make a note of the core cross section area and compare it with the chart on page 8 of the November FLORIDA SKIP. A core .7" by .7" would equal .49 sq. in., but would be good for only 9 watts, as a transformer. As an autotransformer (in our problem above) this core will handle four times this amount of 36 watts since the step-up voltage is approxi-

(Continued on Page 12)

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SCM's CORNER E/F

Let's discuss once again the various errors that are made every day in the handling of traffic, both on and off the nets. Perhaps a little airing will make us more conscious of these things and may result in producing better traffic-ers in general.

Operating off the net frequency still continues to be a major problem and it need not be. Please observe SSB or CW traffic net operation and note the close zeroing in that takes place. There is a tendency of AM operators to be less fussy about this. I believe that this is due to the wider bandwidth that this mode occupies. This is all the more reason for exercising extreme care in all being on the same frequency. Correct zeroing in is a very simple thing to do so it must be assumed that rank carelessness is the cause.

Fellow traffickers, this sort of operation does nothing but bring down criticism, not just on the few who are guilty or the particular net being observed but on every AM operator that throws on his switch even though he may be himself most careful and capable in this respect. Net controls can be very helpful in eliminating this fault where carelessness is the culprit by insisting, throughout net operations, that each individual BE ON FREQUENCY before being permitted to list or pass traffic. This is done, I know, on both the FAST and QFN nets and has been highly effective. It can, I believe, be done in a nice polite way without hurting anyone's feelings and an operator who desires to participate in net operation certainly should be prepared to follow the instructions of the net control station. Will you all try it?

In recent weeks there has been a tendency to become careless in the application of those procedures set forth by ARRL for the purpose of standardizing the methods by which traffic is written and passed.

Why isn't the precedence sign used following the number? There is nothing difficult about it and it is correct procedure.

The most glaring example of omission is the dropping of the check count in the heading substituting XX or in phone work using the words No Count. Aside from the fact that it is REQUIRED for correct format, common sense dictates its use as a check on accuracy. Our reputation is none too good in this regard. Why make it worse. The check is used not only to enable the receiving operator to check his copy for completeness due to his own possible receiving error but to also check the sending operator who could have been guilty of omission if he happened to lose his place while sending.

Oh yes, the best of us has done this and it was the receiving operator and the check count that caught the error. I have heard it said that certain traffic just wasn't considered important enough to bother with the check. This means that it doesn't matter if part of the text is missing or not. If such is the case then the message should have never been accepted for transmission.

In any event if a sending operator insists on no check, the receiving operator should not compound the error by accepting the message in that form but should insist on a message that is complete and in correct format before re-ceiving for it. Let's abide by the rules of the game if we intend playing. It makes it more enjoyable for all.



The Pensacola Key City Gang, who keep the regular traffic nets manned and shotgun the Key City emergency operation when there's an alert on. Left to Right: K4QOJ, Civil Defense Radio Officer; K4AKL, Deputy Navy MARS Coordinator NW Fla.; K4BDF (QOJ's XYL) Asst EC for net "C"; W4ILM; K4VND, Asst EC for net "G"; K4YJW EC Escambia Co., K4SOI Asst EC Net "F" and W4SRM Asst EC for Net "B".

(Photo by W4MLE)

Florida QSO Party

FLORIDA SKIP, the All Florida Amateur Radio publication, is happy to announce the FLORIDA QSO PARTY to be held April 3rd and 4th, 1965. All amateurs are invited to participate. Florida amateurs are urged to work as many out of state stations as possible, as well as those within the state.

CONTEST PERIODS: 0000-0500, 1400-2000 and 0000-0400 all times GMT.

NO POWER RESTRICTIONS or time limit.

SUGGESTED FREQUENCIES: CW 1815, 3530, 7030, 14,030, 21,030, 28,030, 145.2, Phone 3930, 7230, 14230, 21330, 28,830 and 50,230.

SCORING: There are a couple of gimmicks here that are just a bit different and may stimulate interest:-

Florida station, 1 point per QSO X number of states, Canadian Provinces and counties.

Other stations in Florida may be worked but only for contact points and to work for their W.A.F.C. (Worked All Florida Counties) Award, but no other multiplier except as a state.

Other stations: One point per QSO X number of Florida counties worked. Bonus points will be given for working Florida counties as follows: First 20, 50 points. Second 20 counties 200 points. Third 20 counties 500 points. All 67 counties 1500 points.

Phone and CW contest separate scoring. Stations may be contacted on each band (i.e., 1815, 3530, etc.) for points.

CERTIFICATES: Awarded to highest scoring station in each state, Canadian Province and foreign country (with 5 or more contacts) and each entry from Florida county.

CONTACT INFO REQUIRED: Serial number, RST, county for Florida stations, all others state, province or country.

LOGS: All logs must be postmarked no later than April 30, 1965 and mailed to: FLORIDA SKIP, Contest Chairman, P.O. Box 501, MIAMI SPRINGS, Fla. 33166.

If this contest goes over well, it will be considered for a possible annual contest with perhaps better prizes. GOOD LUCK TO ALL.

Identifying And Logging On Net

Jack May, of the Miami FCC office, has said that logging and identifying on net should be done as follows:

NCS - Log time QND and time QNF Also log calls of check-ins. As you are considered to be in constant QSO with each station, you do not have to include the times of each individual QNI and QNX.

Check-ins - On QNI, all that is required is DE (CALL). It is not necessary to give the call of the NCS. You must log the time of check-in and check-out. In addition, log each QNY as a separate QSO giving the time it begins, time it ends, and the call of the station's concerned. On QNX it is NOT necessary to identify. Just an R will suffice.

W4MLE

A number of the procedures outlined above are considerably shorter than many now in use by some net members. Now that you know what is and is not required, let's try to improve the net by cutting out unnecessary identifications, etc. (especially on QNX).

From QFN BULLETIN

OLD DAYS

A recent issue of Spark Gap Times brings to mind that in the early days of broadcasting the station was required to maintain a continuous watch on 600 meters for SOS signals at all times the station was on the air.

Wonder how many of you knew this? Also wonder how many of the boys now in the broadcast game today could read a SOS if they heard one? Things sure do change don't they!

Onyx

ARRL Submits Opposition To CB Association

The American Radio Relay League, Incorporated, by its General Counsel, respectfully submits its opposition to that portion of a petition for rule making filed on September 18, 1964 by The American Citizens Band Association, Inc., which requests that the frequencies from 28.0 to 28.32 megacycles, now assigned to the Amateur Radio Service, be reassigned to the Citizens Radio Service for hobby-type operations.

In support whereof, the following is respectfully submitted:

The American Radio Relay League, Incorporated, is a nonprofit corporation organized under the laws of the State of Connecticut and has an voting members more than 80,000 United States amateurs radio operators licensed by the Federal Communications Commission and nearly 3,000 Canadian amateur radio oper-

ators licensed by the Department of Transport.

The petition of The American Citizens Band Association, Inc., requests that additional frequencies be made available for Class D citizens radio stations by either reassigning to the Citizens Radio Service for hobby-type operations the frequencies from 26.105 to 26.475 megacycles, which now are assigned to Radio Broadcast Service for remote pick-up operations, or the frequencies from 28.0 to 28.32 megacycles, which now are assigned to the Amateur Radio Service.

The frequency band from 28.0 to 29.7 megacycles is assigned for exclusive use of the Amateur Radio Service on a world-wide basis by the Radio Regulations which were adopted by the International Telecommunications Union at Geneva in 1959. Inasmuch as the United States is a party to

that treaty, the Federal Communications Commission does not have the authority to entertain the request for reassignment of frequencies from 28.0 to 28.32 megacycles to the Citizens Radio Service.

For the foregoing reasons, it is respectfully submitted that the petition of The American Citizens Band Association, Inc., must be denied insofar as it requests reassignment of the frequencies from 28.0 to 28.32 megacycles from the Amateur Radio Service to the Citizens Radio Service.

Respectfully submitted,
The American Radio Relay League, Inc.

By: Robert M. Booth, Jr.,
General Counsel.

October 15, 1964.

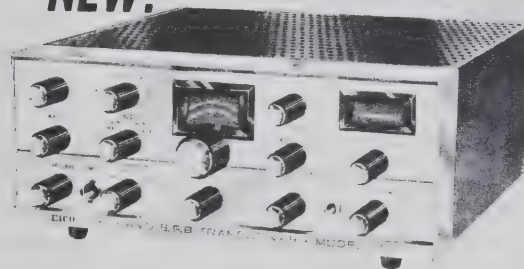
Company president to Executive Board: "And all those opposed will so signify by saying 'I resign'."

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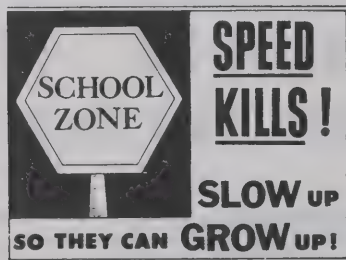
ARPSC NET TOTALS

NET	QNI	QTC	SESSIONS	TFC	AVG
FAST	693	390	24	15.0	
GATOR	213	176	28	6.3	
WPTN	594	159	28	5.67	
FPTN	361	217	29	7.5	
FMTN	530	668	24	26.6	
TPTN	525	471	28	16.8	
VHFTN	331	150	28	5.36	
QFN		781	56	15.0	

Top Twenty Traffic Takers

Each month we are happy to list the top 20 Florida traffic takers. We hope to see your call here next month. For January 1965:

1. WA4IJH	BPL	1771	11. W4KIS	409
2. W4DFU	BPL	1010	12. WA4NEV	BPL 386
3. W4URX	BPL	944	13. WA4ECY	BPL 313
4. K4VFX	BPL	885	14. WA1AFP/4	BPL 290
5. WA4BGW/4	BPL	581	15. K4BY	216
6. K4YSN	BPL	556	16. W4LUV	204
7. WA4OBG	BPL	514	17. WA4OAO	BPL 160
8. WA4BMC	BPL	503	18. K4SJH	149
9. WA4IMC	BPL	492	19. WA4CIQ	145
10. K4ADD	BPL	464	20. W4TUB	135



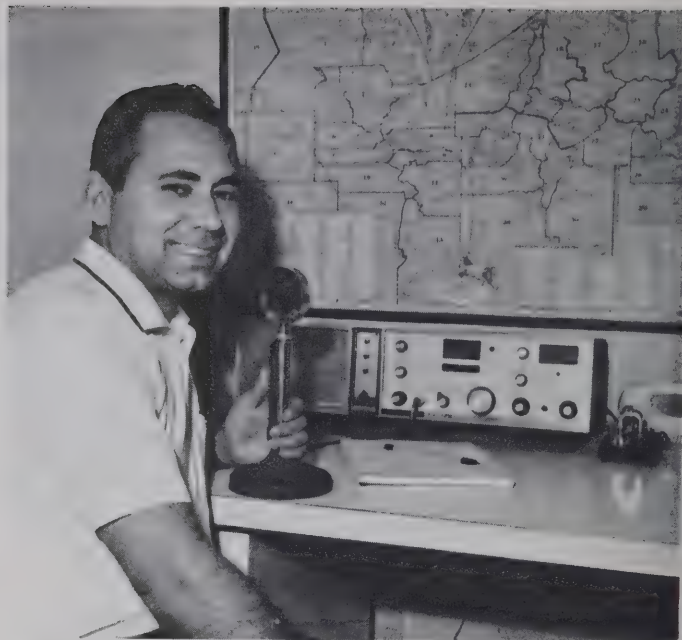
AUTOTRANSFORMERS

(Continued from Page 9)

mately one-fourth of the primary section. Likewise, the primary current is only one-fourth of the secondary current. For this reason of course the wire size need be only one-fourth of the secondary size.

It is obvious we are starting out with a core a might too large. Though not necessary we might select a smaller one, say .6" by .6", having an area of .36 sq. in. Using the "square-law" mentioned, this is approximately one-third of 1 sq. in. (36 watts), or one-ninth of this capacity, or approximately 4 watts, as a 60 cycle transformer. As a small autotransformer required to step up the voltage one-fourth, this will easily handle our 15 watts mentioned above, with one watt to spare.

Select the wire size for the secondary on the basis of maximum current required. From our chart, wire #20 is good for one ampere. We could use four #20 wires in parallel for a four amp secondary, with one #20 for the primary winding. Calculating closer from the charts we might use two #18 wires for the secondary (3.5 amp), with #22 for the primary. Working closer, for three amps in the secondary we could use three #20 wires. The primary



This neat station belongs to James R. Whitmore WA4JN1 of Miami. Jim was first licensed as W9ZUU while residing in Indianapolis, Ind. He uses a ground plane and works mostly on 20 SSB.

winding can be #20 or #22, depending on availability or space allotment.

The turns required can be calculated on the basis of 1 sq. in. core area requires at least 6 turns per volt. One-third this core area will require three times the 6 turns per volt or 18 turns per volt. The 5 volt primary will require 5 x 18 or 90 turns. The secondary will require a step-up winding of 1.3 volts to obtain 6.3 volts. On the basis of 18T/V the 1.3v secondary will require 1.3 x 18 or about 24 turns for practical purposes.

As you probably know, the primary and secondary are in series, very much like a continuous winding. It is advisable to wind the heavy current winding (in this case the secondary), next to the core to reduce the copper length and thus total resistance. The primary should start with the end of the finished secondary. You may join the two windings at this point and proceed to wind the primary directly over the secondary.

From the ARRL handbook we find from the wire table that #20 requires 29.4 turns per inch. You should be able to squeeze 30 turns into a little over one lateral inch, or in the process of straightening the wire, you can easily stretch the wire this much. Just don't over-do it. The primary will require three layers. The secondary should be wound bifilar, that is all three wires wound side-by-side. The first layer should be nine turns bifilar, second layer eight turns, and the third layer seven turns, making a total of 24 turns.

From the above study we will require a total of six layers, by slightly over one inch in linear length. Be sure to allow for insulation between turns. If you have been careful with the polarity of the windings you will find that the voltage will be stepped up properly. Be careless and it will readily step the voltage down instead.

Start right here, with a little horse sense and logic you can design and build autotransformers to meet any small requirement. Review the November transformer article and let's get busy.

The Old Timer

QCWA

"Operation Ft. Lauderdale" was a huge success. Those Broward Amateur Radio Club members sure put on a good AUCTIONFEST. Must have been at least 400 registered bidders, as judged from the identification ticket numbers. We got there early, got ticket numbers 97 & 98, looked everything over pretty good, bid on a few items, and boy-- oh boy, the goodies we overlooked, or passed up.

Chuck, W4LVV, Life and Charter member QCWA was the head Auctioneer, and kept things pretty lively most of the day. Ray, W4BJ, one of our early 1947 charter members was there with a pack of goodies, and seemed to be doing pretty good. W2AU might qualify as our DX member, despite the fact that we had a long talk with VE2FR, and the XYL.

From Miami we also had W4DTJ, W4DTM, W4IYT, and W4JO. Of course, the Ft. Lauderdale gang showed us a good time, most too many to mention from memory. Next year let's get that QCWA log book out for all to sign. W4UCL signed in for the Ft. Lauderdale gang. Col. Marcy, W4ID, a Life Member from Eau Galle seemed to be having a FB hamfest. Anyone seen W4QS, K4LJS, or WA4JWV lately?

Next month is "Operation Orlando". Let's get out and meet the gang again in Orlando at the Annual Orlando Hamfest, April 24-25, at the Cherry Plaza Hotel. Look for the QCWA log at the reception desk. You are invited to join the QUARTER CENTURY WIRELESS ASSOCIATION, contact W4GJ.

W4BTM and W4JO

Usually the fellows who give their wives plenty of freedom don't give them any money.

One of a woman's toughest shopping jobs is to find a wedding present that looks like it cost as much as it did.

• • •

"Dit te dit-dit-dit," music to the CW ham's ear means "and" today. Many years ago, 117 to be exact, Morse assigned ". . . ." to the ampersand, "&" and used it when ever the word "and" or "&" came up, in the text.

It is interesting to note that years later Alfred Vail helped Morse work out a better code in which for the first time the characters, "J", "Y", and "Z" were assigned a code of their own. Before this time, a "G" would mean either "G" or "J", "I" meant either "I" or "Y", and "S" meant "S" or "Z".

An old story that traveled the length of the old Oregon Trail goes something like this, "A Western Union telegraph operator received an urgent message that an 'Injun was blown up'. Since this was in the days of black powder, he immediately thought that some settler had stuffed an Indian with black powder and for cussed meanness had set him a-fire! This was surely WAR. Well, Sir, it took exactly 10 years before this story died down and was explained to everyone's satisfaction that a locomotive had exploded near Dodge City and not an 'Injun', for many times the 'iron-horse' was called an 'Engine'."

So in January 1838, Morse and Vail got their "j" and "g" straightened out and there were fewer threats of Indian Wars!

By a friend of W4GJ.

It's A Fact

Heath has backed down on their delivery date of the SB100 the KWM 2 type transceiver. Formerly planned for Jan 65 delivery now pushed up to September. Think they got into trouble with the unexpected acceptance of the SB 200, 300, 400 line..Even with a 30 day waiting period after order still the biggest buy on the market today...
73, W4NUT

VHF EASTERN FLORIDA

BERTHA FARR EGGERT, WA4BME

April is coming. Hooray echoes from all 'VHFers.' Six meters will soon be open and we can talk to all our old friends. We all sit with our receivers set on 50.250 and our beams north, waiting for the first sound of a band opening. Also at night, before six meters opens, two meters will be open, and honestly, then two meters sounds like 20 meters in the daytime. Yes, this is a joyous season for all of us who like to work "skip" on VHF.

The VHF-TN is meeting nightly, seven days a week, on 50.200 and is doing a fine job. K4YSN is the Net Manager. We are very pleased to see this net back in operation. Congratulations to all the members. We need a traffic net on six meters.

The Assistant VHF-PAMS are doing a nice job for me. I wonder if there are any VHFers who read this column who would like to serve in this position? If so, I wish you would write to me and let me know. All you have to do is write a monthly report of VHF Activities in your local area to me. I would love to have some volunteers.

If you will look in the "Ham-Bars" at the back of this "Skip" magazine, you will see my ad for two meter stations who have any equipment at all on the air. I would very much like this information for the "Florida Skip RAF Contest". When the two meter bands opens,

try to get your RAF Traffic RELAYED to the counties that you need. Let's get the Contest going. Come on, all you who work VHF. This contest is for YOUR good. Read the reasons for the Contest.

K4SJH, our new SCM, for the next two years, and I, have a daily schedule on 145.338 at 1600 gmt every morning except Sundays. We also have WA4RHL, in Boca Raton with us, often. How about joining us in the mornings, you who are home.

The two meter BEN is starting up, with K4YBL as HCS; Thanks Jake.

Bertha Farr Eggert

More Gov't Control

The U.S. Supreme Court has refused to review the Federal Court of Appeals decision that the present FCC license application fees are legal.

ARRL was one of several groups who had asked for the review. The only remaining means of overturning FCC fees is through Congressional action.

Texas Representative Rogers will seek passage of a bill forbidding FCC to charge fees without the express authority of the Congress. Hearings were held on a similar bill last year but the bill did not reach the floor.
(ARRL OB 990)

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An Advertising inch is measured 7/8" vertically on one column, i.e., 4 columns-40 column inches to a page. Rate card by column inch supplied upon request. FLORIDA SKIP, Advertising Department, P.O. Box 501, Miami Springs, Fla.

WANTED: Collins S Line. Have KWM-2 1 yr. old Ser. #12607, excellent condition for trade. Sparks, W4KZL, 2902 NE 13th Dr., Gainesville, Florida.

Big shots are only little shots who kept on shooting.

FOR SALE: DC power supply, 110 VAC to 24-28 VDC @ 10 A., \$15.00 each; 6 ft. dark green rack, standard 19", with 110 VAC blower, \$25.00 FOB, Elvis H. Young, 624 E. 41st St., West Palm Beach, Fla. Tel. VI 4-5552 or OV 3-2094. W4UHB

FOR SALE: Model 14 RTTY repeformer, complete with table, cover excellent condx. Gray crackle finish, \$75.00 FOB. W.L. Rives K4PJJ, 3020 NE 59th St., Ft. Lauderdale, Fla. 33308. Fone 942-8379.

FOR SALE: Power Con vibrator converter Model 12 H15. Input 12VDC, output 110VAC. 150 watts continuous, 175 watts int. FOB \$20.00, Jerry Cameron, W4WUD, 416 Viscaya Ave., Coral Gables, Florida Fone HI 8-3040.

WANTED: Expert 2-way radio technician on GE and Motorola equip. Second class license required. Gabriel Communications, 1329 NE 4th Ave., Ft. Lauderdale, Florida. Fone 524-8686.

Alcohol takes the finish off some people faster than from furniture.

FOR SALE: Hygain multiband trap doublet for 40-10 M. New, up two weeks never QSO'd. Full warranty. Model 4BDT \$19.00. Dale Williams, W4EPC, 427 Zamora Avenue, Coral Gables, Florida. Fone 448-8562.

FOR SALE: BE-77 Line Units unused surplus with manual. Schematic and operating instruc-

tions on metal plates on sides just thing for testing TTY model 15 and TG7 with addition power supply. Contains Meter IS 80 for 115V DC, 0-100 ma for space and mark bias, and polar relay \$7.50 each plus postage four lbs. Ralph F. Coady, W4BNI, 2903 Bay View Ave., Tampa, Fla. 33611.

FOR SALE: Valiant Transmitter. Reluctantly will part with this factory wired rig for \$225.00. Jack Wachter, W4OBA, Miami, Florida, Fone FR 3-0934.

FOR SALE OR TRADE: Globe LA-1 Linear; Scout Deluxe 6 thru 80 meters, BC-348 w/pwr supp; Elmac A-54-PMR 6 A-M 1070 supply - speaker - Dow key relay in wood rack 10 thru 80 meters; S-38; 3-250 TH's, 2 sockets, filament xfmr; B&W CX70B variable capacitor, jack bar, link and 10-80 coils; wanted, 20A. Make offer, sale or trade. H. M. Peery W0GQR, Box 313, Trenton, Missouri 64689.

One may go wrong in many directions but right in only one.

FOR SALE: 11 file drawers of Sam's Photofacts in sequence from No. 1 thru 637, perfect condition, \$300.00; 2 RCA scopes \$100.00 each; Assorted Test gear, cap. checkers, VTVMs and tube checkers; GSB-100 xmtr w/manual \$225.00; SX-101 MkIII w/manual \$175.00; Control console containing phone patch, intercom and antenna switch \$25.00; Ed Klar W4FAD, 7104 Love Ave., Tampa 4, Fla. Fone 232-3101 or 236-8981.

FOR SALE: Collins 32V3 \$200; new 4-400A; used 4-250A; linear 4-400A KW with psupp; Dumont 241 scope; KW low pass; new 10D mike; xfmr 3500CT @ 400 ma CCS; sfmr 8000-7000 CT 2850VA; TS175U with ps; Jones 52 ohm micromatch; Numechron 24 hour clock; Heath OM3 scope; 115 V coax relay; ARC receiver 550-1500KC narrow IF; PE 103; Dan A. Summers, K4TML, 1712 SE 14th St., Ft. Lauderdale, Fla. Fone JA 4-0918.

You can avoid a lot of work by doing it right the first time.

FOR SALE: Gonset 3 element triband beam, in good condx all modifications made, U pick up \$40.00. Bernard Heinke W4RQP, 14870 Harding Dr., Leisure City by Homestead, Florida. Fone 247-6738.

FOR SALE: Heathkit Apache, \$95, Johnson Viking Challenger, \$45. RME VHF-152A, \$30, two TG-10D tape pullers, \$10 each, Telrex medium duty rotator, \$15, Viking 122VFO, \$18, all plus freight or postage. Les Widick, K4BZJ, 290 Kibbee Lane, Pensacola, Florida 32503.

The wealthy man is never certain that he is loved for himself.

FOR SALE: Heath HW22 40 meter SSB xcvr with Heath HP-23 matching AC supp, and GH-12 hand mike \$160.00. W. C. Plante, W4AAT, 172 Carlisle Dr., Miami Springs, Fla. Fone 888-8472.

FOR SALE: Hammarlund HQ-129X with crystal calibrator, mint condition, \$105. Roy Olsen, 10928 NW 2nd Ave., Miami, Fla. Fone 758-6585.

FOR SALE: Complete KWM-2 transceiver is a good one and has latest mods. DC mobile power supply; PM2 power supply, 110 or 120 VAC, mobile mount, Collins mobile mike. Complete and ready to go. \$1075.00. Will discuss trade or terms. S. Mayer, W4MLW, 194 Circle Dr., Ft. Myers, Fla.

People who are grateful are usually good.

SALE: Measurements Megacycle Meter (grid dipper) 2,2-420 Mc. \$60. ART-13, clean, \$25. Wanted to buy Teletypes and parts. What do you have? Fred Schmidt, W4NYF, 405 NW 30 Ter., Ft. Lauderdale, Fla. LU 3-1340.

FOR SALE: Viking Ranger, factory wired with manual, Collins 75A2 receiver both in excellent condition and on air. QST in binders from 1945 on. Do I hear an offer? Have two TBY's continuous 28 to 60 Mc, complete with carrying case, spare set of tubes. Designed for Marine Corps. Can be carried on back or set-up as low power emergency station. \$15.00 each. Andy Clark W4IYT, 41 Lenape Dr., Miami Springs, Fla. TU 8-3874.

FOR SALE: APX-6 converted to 1220, complete \$20.00; Tecraft 220 mc xmtr and pwr'supp, \$40.00; MA 4060 A Varactor dblr to 432 mc, 10W output, \$25.00; Telrex 5 el 6 meter beam \$15.00; Heath HW 32 SSB \$110.00; 432 mc converter \$30.00; 2-432 mc corner reflectors \$5.00; Jones UHF watt meter-SWR bridge MM500, \$35.00; 400 watt 50 mc xmtg converter \$60.00; 125 ft. Andrews Gas Coax, brand new \$35.00; Ham-M rotor \$65.00. J. W. Gregory, K4OCK, 3000 SW 103rd Ct., Miami, Fla., Fone CA 6-3434.

An explosive situation can often be eased by a few carefully chosen words, softly spoken.

FOR SALE: Heathkit wideband scope Model 10 12, low capacitance probe, 14 mo. old, mint condx. \$65.00. Ernie Riles, W4GBY, 2850 NW 164 Terrace, Miami, Florida Fone NA 1-7382.

FOR SALE: Central sideband slicer, good condition, also has built in Q multiplier. Will sell for \$25.00 or trade for good used low power CW transmitter, R. L. Hayes, K4YPN, 201 N. Dade Avenue, Arcadia, Fla. Fone WA 8-2911.

FOR SALE: Collins 32V2 transmitter, 75A1 receiver plus matching speaker in perfect condition \$250 for package or what do you offer for separate items? Howard Hicks W4TKQ, W4ZBL, call days WA 2-7833 or nites WA 3-2152 or write 713 NW 7th St., Dania, Fla.

Difficult times bring out one's true character, just as darkness brings out the stars.

WANTED: Just got novice ticket need complete station suitable for mobile use and novice operation, for cash. Jim Amstutz, W4WXM, P. O. Box 8, Big Pine Key, Fone: 872-9395.

WANTED: Technical manual TM5-5087 which covers a motor generator: Arthur C. Grantham W4MBJ, 1256 Plymouth Place, Jacksonville, Fla. 32205 Fone 384-5284.

FOR SALE: Volkswagen owners complete 12 V 55 amp alternator system for any VW, including all mounting brackets, cables, control panel, regulator and Delcotron alternator. Also 70 watt Pierce Simpson ship-shore marine radiophone, Webster band-spanner mobile antenna, Ed Wheeler, K4ADD, 2260 North River Drive, Miami, Florida, Fone 633-8374 or 691-2341.

Inflation makes you realize you never had it so good - so briefly.

FOR SALE: Light duty tilt over tower, free standing with ground post and winch. Ideal for small tribander, etc., made of solid steel, not tubing \$40.00. Carlin Bandy K4CZW, 3897 NW 36th St., Ft. Lauderdale, Fla. 33309, Fone LU 1-9546.

NOVICES AND BEGINNERS: Knight R-55 receiver w/manual for sale. Best offer. David Shalloway, W4JYB, 18801 NE 21st Ave., No. Miami Beach, Fla. 33162, Fone WI 7-4177.

A clear conscience is to the soul what health is to the body.

WANTED: for collection, QST January 1917; July, August 1919. For trade QST July 1917, Government Call Books, etc. Raymond De Vos, W2TAM, 140 Summit Avenue, West Trenton, New Jersey 08628.

WANTED: Amateur calls of Hams who operate Two Meters in the following Florida Counties: Sumpter, Citrus, Marion, Flagler, Putnam, Levy, Bradford, Union, Baker, Columbia, Gilchrist, Dixie, Lafayette, Suwanee, Hamilton, Taylor, Madison, Jefferson, Wakulla, Franklin, Liberty, Gadsden, Gulf, Calhoun, Jackson, Bay, Washington, Holmes, Walton, Okaloosa, Santa Rosa and Escambia, Leon. Please, if

(Continued on Next Page)

HAMBAR - (from Page 14)

you have any Two Meter gear that is on the air, please let me know. Drop a Radiogram or Post Card to Mrs. R. W. Eggert, Sr. WA4BMC, 1510-17th Ave. North, Lake Worth, Florida, 33460.

We need you for "The Florida All County Relay" Contest, sponsored by Florida Skip. I will help you in the contest, if you wish, Thank you.

★ ★

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FLORIDA "FAST" SSB NET -- Daily, except Saturday, 2300 GMT

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KILOWATT ALLEY

Well, I see QST has been on the Old Time bandwagon, celebrating their 50th year of Ham Radio. To most of us this is a long, long time. Yep! a lot of things have happened, a lot of changes have taken place in these few 50 years.

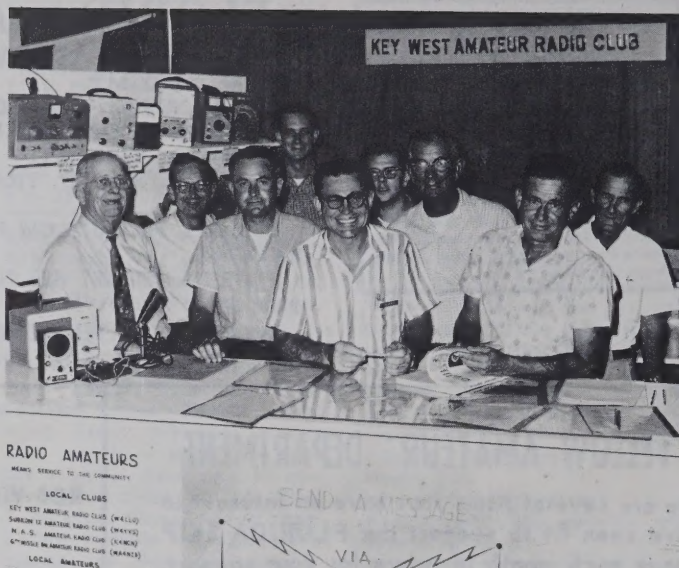
How many of you have seen a wilderness of frequencies from 200 meters down, turn into a civilized mess of well organized channels, and then see them turn into almost chaos at times? If you think SSB will cure this chaos, believe me, it can only get worse with this kind of attitude.

At the present stage of the art, an SSB signal should occupy no more than a hair over 2000 cycles. Do you realize this would only allow 100 signals in the 75 meter phone band, 50 signals in the 40 meter band, and only 75 signals in the 20 meter phone band. This would be a grand total of 225 precise operated SSB phone signals with the very best of unwanted sideband rejection and band width control. We could add at least 350 clear channels if we could steal all of the CW frequencies authorized in these three most popular bands.

In passing, don't forget that this "steal" would deprive the CW ham of 1400 CW channels of 500 cycle band width, or at least 4,200 workable channels since it is no trick to copy at least "three deep".

Getting back to those 225 clear channels, let me further remind you they better be SSB, since normal AM with "BC type modulation" having sharp cut-off at 5000 cycles, would leave only forty-five clear channels. We might double this to 90 if we used low level and high level audio filters designed to cut-off at 2500 cycles or sooner.

What can we do about it?



The Key West Amateur Radio Club set up a Traffic Booth Amateur Radio display at their annual county fair. From all reports they had a wonderful time. Reading from left to right: Prof W4EJD; Don WA4PJW; Arnold W4PSZ; Ed WA1AFP/4; Lew WA4SEO; Ron WA4SWM; Wattiy WA4LDZ; Frank WA4VZO and Jim WN4TWD. Congratulations to you all. We need more such booths set up around the country (photo via WN4TWD)

Well, I would suggest that after you have worked WAS (if you go for that sort of thing) that you carefully control your "on-the-air" time to only important contacts in these three most popular bands, do your local chatting on the land-line telephone, shut the modulator down and move into the CW bands when the going is rough.

It would be awfully nice if all the hams in the world who wished to talk to each other across town would shift down to a band that was not "wide-open" at the time. Let's get together and practice a little politeness. This includes reducing power when your "40 over S9".

Let's explore the UHF bands, six and two. I asked a dealer the other day why he didn't have more UHF equipment and do you know what he said? "Horse feathers!" Nobody bothers about that stuff anymore. Can't sell it anyway. Everybody foolish enough to be up there should build their own equipment. This is pathetic because there are 800 clear AM channels in the six meter band and another 800 in the

BACKSCATTER

We're on the frequency batting it back and forth quite a bit. Then along comes this guy with "say why don't you fellows move off THE FREQUENCY and discuss your troubles." Now this is not during net time and the frequency was not in use when we started.

I wonder what makes a guy like this think we should move. You know what I think? I think this guy's wife won't take any of his back talk so he is getting it out of his system on the ham bands! Onyx.

two meter band. Don't forget there are also 600 AM channels in the 10 meter band and another 100 in the 15 meter band. All together this is 2,300 channels available in "bands that don't amount to much" at least right now.

Please! If we must clutter up the air with hetrodynes and local chatter, let's move up into some of those wide open spaces in the 15, 10, 6, or 2 meter band. give that Kilowatt a rest on 80, 40 and 20 when all you

SPARC Hamfest

SPARC's annual hamfest will be held May 16th at Philippi Park, near Safety Harbor, from about 9:00 A.M. --'til???

The registration fee of \$1.00 per family or individual ham, entitles you to a chance on the prize drawing. Additional tickets may be purchased at 3 for \$1.00.

Full details are not available at this time, but it is hoped W4OJH-Jack will be available to be Master of Ceremonies & WA4BGU-Bill, Master of the Swap Table. At any rate, we know these two jobs will be handled in the usual manner. W4HTH-Ed has offered his amplifier so they will be heard, that's for sure!

Bring your picnic lunch, the family & friends to enjoy the fun. There will be shelter for all, there is recreational facilities for the harmonics, even a swimming pool, so enjoy a day of relaxation with us & maybe take home some "goodies".

The Safety Harbor road intersects Route 60 about midway between the West end of the causeway leading from Tampa to Clearwater & U.S. 19, Philippi Park is about 2 miles North of Safety Harbor.

If you are mobile, check 3940 SSB, as W4GAC will be monitor that frequency & possibly 50.7 MC.

See ya'll!

are looking for is a rag chew or a fist of QSL cards.

This is my 50th year of Ham Radio and I can tell you right now we would not have this hobby if your forefathers had the same regard as some of the beginners of today. I'll never forget when I thought it was cute to knock them dead on "Kilowatt Alley". They ganged up on me and threw a rock weighted wire over my antenna and pulled it down.

Another Old Timer.